BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

ame of the work: **Estimate for Construction of Covering Slab at SWD Patel Pillegowda Layout, ear Durga Shree Apartment in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub ivision.**

							Estimate Cost:		1000000.00
l. o	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, **Page No. 5 / Item No. 2.3 / PWD SR 2015-16**	Cum	ordinary soil -					192.24	
	Desilting of Drain		1	150.00	2.00	0.30	90.00		
							90.00	288.36	**25952.00**
	Basic Rate	267.00	× 178						
	Area Weightage @8%	21.36	× 14.24						17301.6
	Total	**288.36**	× 192.24						
2	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **Page No. 13 / Item No. 4.11 / PWD SR 2015-16**	Cum							
			1	150.00	3.00	0.15	67.50		
							67.50	6198.12	**418373.00**
	Basic Rate	5739.00							

No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	459.12							
	Total	**6198.12**							
3	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500 Page No. 17 / Item No. 4.46.2 / PWD SR 2015-16**	Tonne							
	For Roof, Columns @ 90 Kg / Cum		0.09	67.50			**6.08**	69805.80	**424070.00**
	Basic Rate	64635.00							
	Area Weightage @ 8%	5170.80							
	Total	**69805.80**							
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15 / Item No. 4.31 / PWD SR 2015-16**	Sqm							
			1	150.00	2.10		315.00		
			2	150.00		0.15	45.00		
							360.00	306.72	**110419.00**
	Basic Rate	284.00							
	Area Weightage @ 8%	22.72							
	Total	**306.72**							
5	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. **From 0.00 to 11.90 Km** (PWD SR Rates P No 139)	Cum							
			Vide Item No. 1				**90.00**	106.34	**9570.00**
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 TX 11.90Km X 2.0/km= 30.46	30.46							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
		98.46							
	Area Weightage @ 8%	7.88							
	Total	**106.34**							

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
							979733.6		
5	Sub Total								988384.00
7	Third Party Inspection Charges @ 1%							9797.33	9884.00
8	Miscellaneous and other Charges	L/S						10469.06	1732.00
								Total	1000000.00

(Rs. Ten Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16.
3 This work included under 2015-16 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Executive Engineer 14/12/15
Byatarayanapura Division
BBMP, Bangalore-92

Assistant Engineer
Ward No. 10

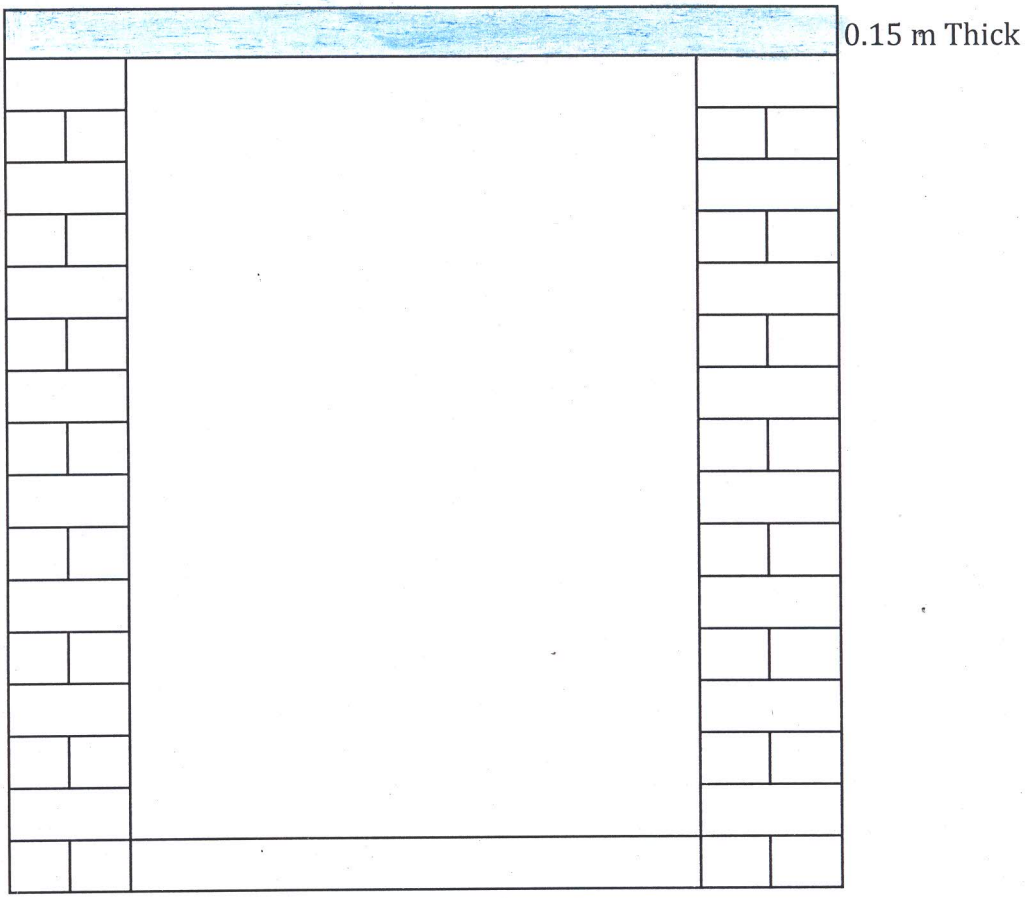
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head P-1771
Div. Ref. No. 195 Date 14.12.15
AE EE(BTP) 14/12

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of A/c P-1771
Div. Ref. No. 204 Date 14.12.15
AE EE(BTP) 14/12

ame of Work: Construction of Covering Slab at SWD Patel Pillegowda Layout, Near Durga Shree Apartment in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

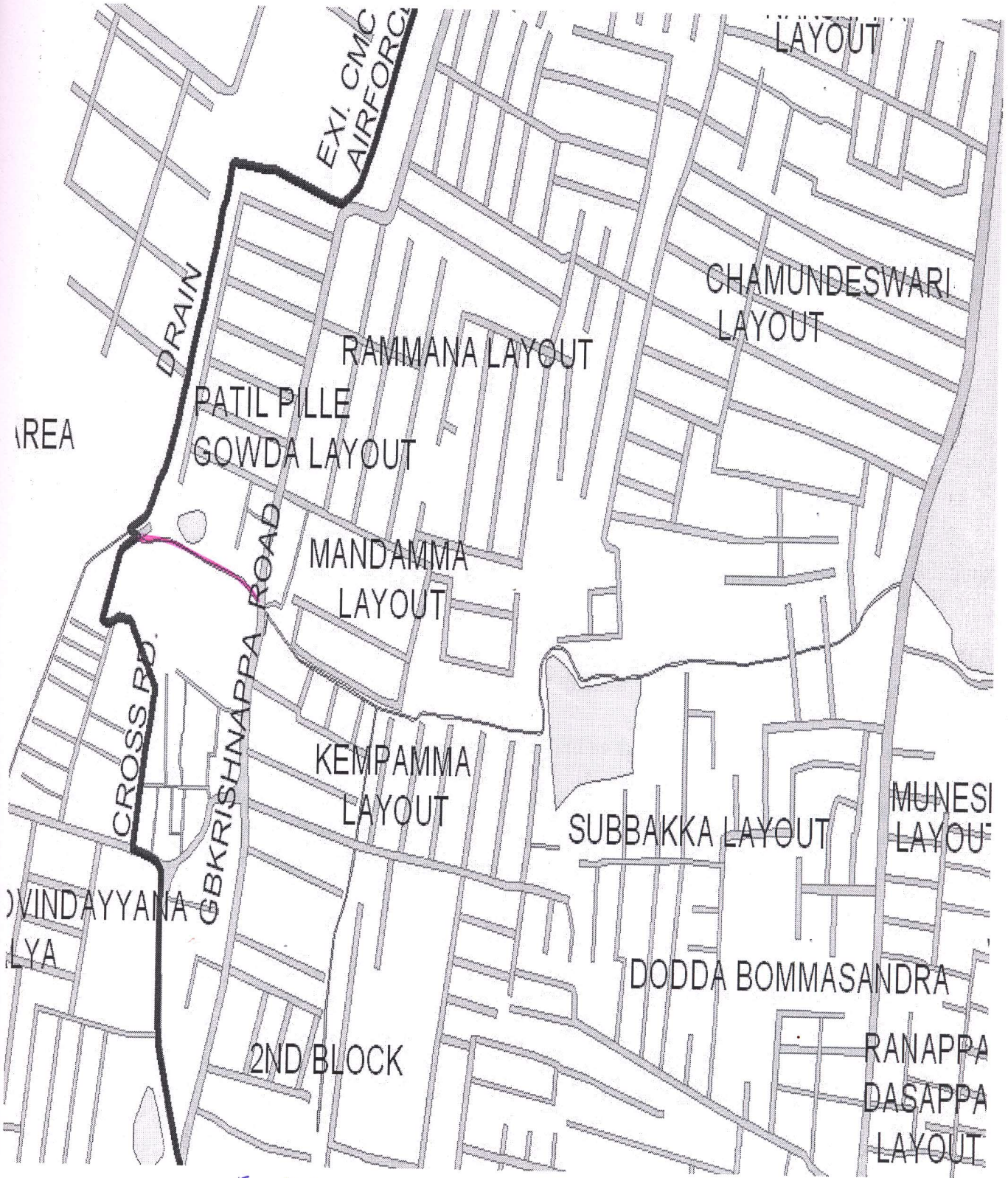


- Proposed SWD Covering Slab

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Name of Work: Construction of Covering Slab at SWD Patel Pillegowda Layout, Near Durga Shree Apartment in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.



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→ Proposed R.C.C. covering Slab

Jadhav
AE

Assistant Executive Engineer
Vidyaranyapura Sub Divisi
BBMP, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

Lead Statement for Srinivaspura Dumping Yard for Ward No. 10,
Vidyaranyapura Sub Division.

Lead Distance

1.	From BBMP Sub Division office to Devi Circle	1.50 Kms
2.	From Devi Circle to Thirumala Daba	2.00 Kms
3.	From Thirumala Daba to 3rd Cross SBI Bank	2.00 Kms
4.	From 3rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5.	From Shesadripuram College to Police Station	0.80 Kms
6.	From Police Station to Kogilu Cross	0.60 Kms
7.	From Kogilu Cross to Srinivasapura	4.00 Kms
8.	From Srinivasapura to Dumping Yard	0.50 Kms
	Total	**11.90 Kms**

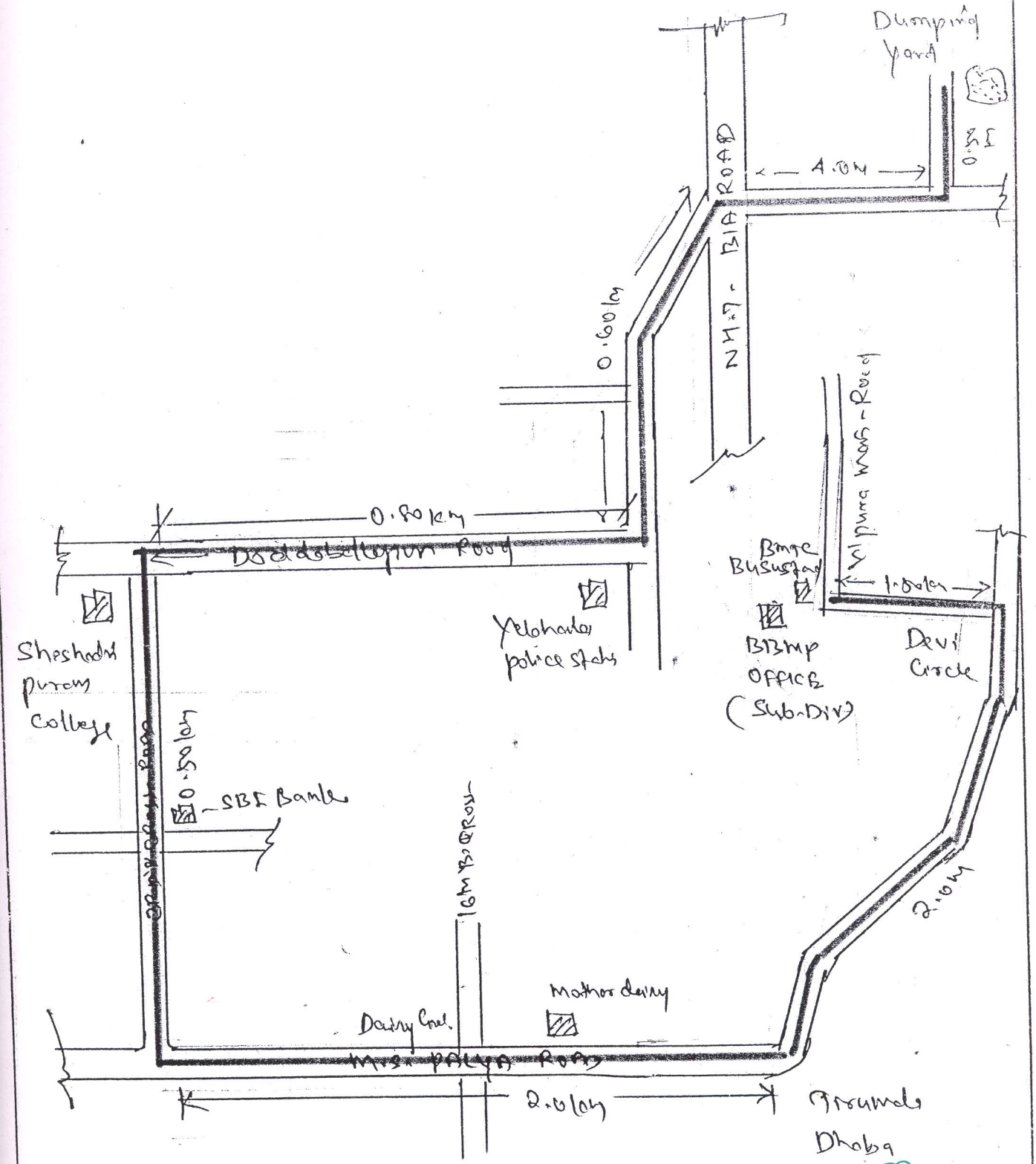
Certificate:

1. Certified that the Srinivasapura Dumping Yard us the approved dumping yard for ward no. 10 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 10.
3. The above distance is the shortest distance for calculating the lead.

Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

LOAD CHART FOR DUMPING YARD FOR WARD NO



Jadhav
AE

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97